Bisrat Abrham

Ethiopian | Addis Ababa, Ethiopia | +251 983742730
bsr7349@gmail.com | Bisrat Abrham | GitHub: bsrBe

SUMMARY

- Full-stack developer with hands-on experience in building and deploying scalable web applications using the MERN stack and microservices architecture.
- Strong backend skills including authentication, RESTful APIs, and system integration with third-party services like Cloudinary and Stripe.
- Experience in network installation, system maintenance, and IT solutions for local government offices and businesses.
- Entrepreneur offering tailored tech solutions such as e-commerce systems, and business websites.

EDUCATION

Adama Science and Technology University - Adama ,Ethiopia   **September 2021 – January 2025**
BSc in Computer Science and Engineering

WORK EXPERIENCE

Full stack developer Intern   **May 2021 - August 2021**
Ethiopian Federal Police – Addis Ababa, Ethiopia

- Developed and deployed multiple MERN stack projects including inventory management, e-commerce platforms, gateway registry systems , proforma invoice management systems and chat applications.
- Designed microservice-based systems using Docker for performance and scalability.
- Built REST APIs, implemented role-based authentication, and integrated secure payment processing.

Full stack Intern focusing on backend   **May 2022 - August 2022**
Ministry of innovation (MINT) – Addis Ababa, South Ethiopia

- Delivered custom web applications for clients, including restaurant QR menu systems and book marketplace platforms..
- Developed a full stack system with Express.js, MongoDB,react and JWT-based auth, integrated with a custom frontend to manage inventory with real time updating dashboard.

Projects   **August 2022 - May 2025**

- **BookCompass Platform**
  Built a full MERN-based platform with inventory management, book marketplace, and real-time chat features. Implemented advanced search, image uploads, reviews/ratings, and role-based authentication.
- **Spare Parts E-Commerce System**
  Developed a backend system with Express.js, MongoDB, and JWT-based auth, integrated with a custom frontend.
- **Proforma Desktop Application**
  Built with Electron.js, React, and SQLite for local businesses to manage proforma invoices and generate reports.
- **Inventory management**
  Developed a full stack system with Express.js, MongoDB,react and JWT-based auth, integrated with a custom frontend to manage inventory with real time updating dashboard.
- **Vitals management**
  Developed a full stack system with Express.js, MongoDB,react and JWT-based auth, integrated with a custom frontend help individuals with diabetes and blood pressure to track there vitals easily
- **Get Fit**
  Developed a full stack system with Express.js, MongoDB,react and JWT-based auth, integrated with a custom frontend for individuals that workout regularly to track each session and their progress.

VOLUNTEER ACTIVITIES

English Language Tutor   **September 2023 - Present**
● Tutored beginners online, focusing on basic literacy and conversation, using interactive, adaptive methods.

Participant, Anti-drug club member   **February 2023 - Present**
Actively coordinating with a team to raise awareness on the cons and downside of being on drugs

SKILLS

JavaScript (React, Node.js)	Express.js	MongoDb	Docker
System maintenance	Client Communication	Git	SQLite

INTERESTS

Tech Entrepreneurship	System Optimization	Software Engineering and Machine learning

LANGUAGES

- Amharic – Native
- English – Fluent